

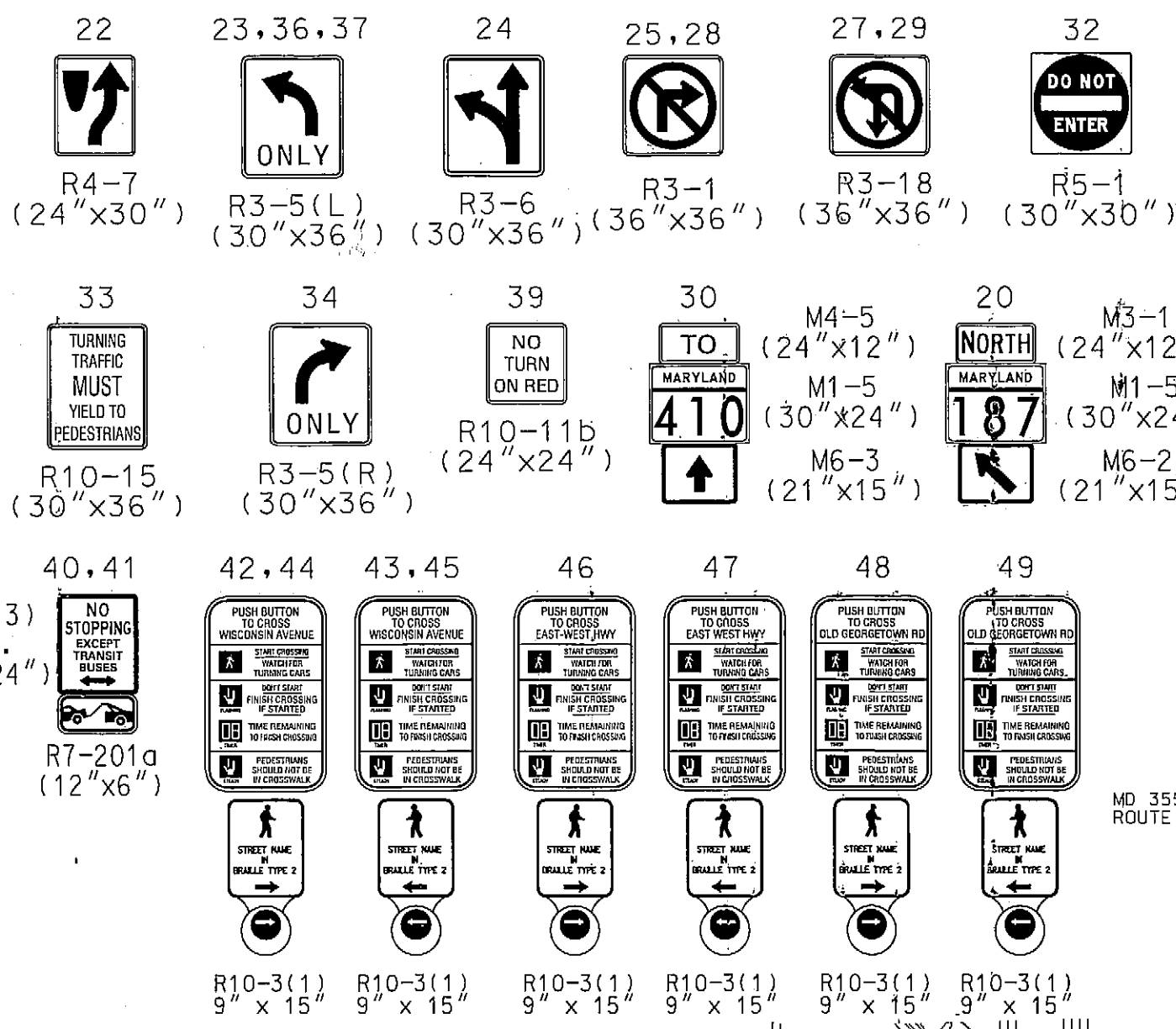
MD 355 IS ASSUMED TO RUN IN NORTH-SOUTH DIRECTION

EX. SIGNS TO BE RELOCATED (SHOWN AT FINAL LOCATION)

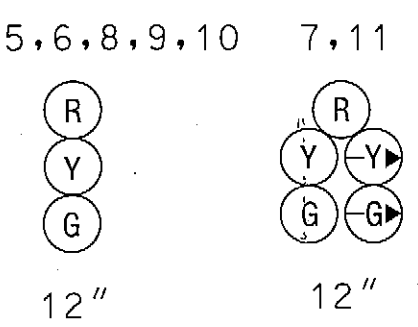
Old Georgetown Rd
7600 BIK. 7500 BIK.

Wisconsin Av
7400 BIK. 7500 BIK.

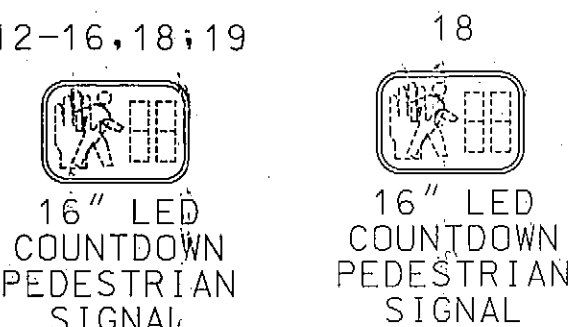
PROPOSED SIGNS



PROPOSED SIGNALS

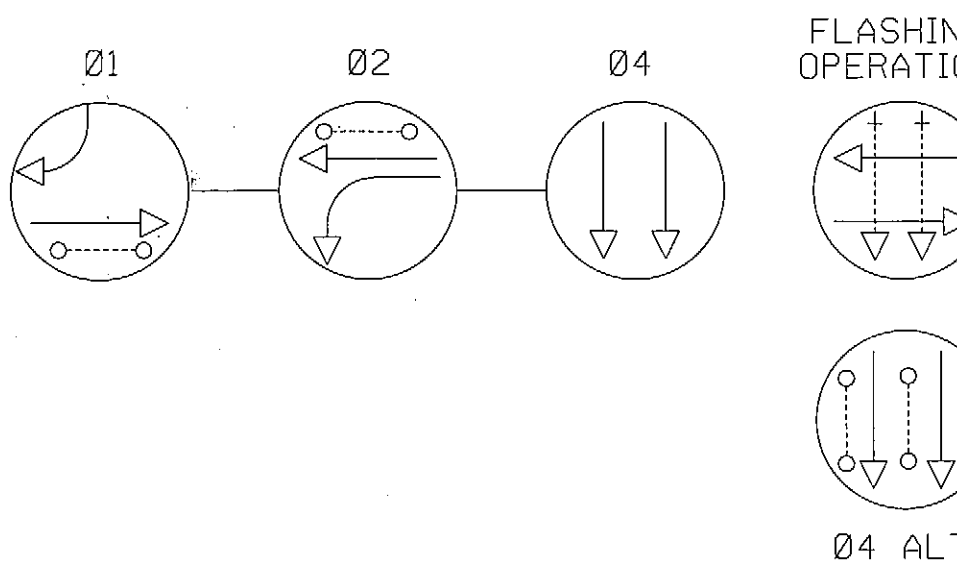


EXISTING SIGNAL TO REMAIN



NEMA PHASING

THE EXISTING INTERSECTION OPERATION WILL REMAIN THE SAME



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

SPECIAL NOTES:

1. ALL EXISTING HANDHOLES, CONDUIT AND INTERCONNECT CABLE TO BE REMOVED OR ABANDONED SHALL REMAIN IN PLACE UNTIL TURN ON OF PROPOSED SIGNAL. CONTRACTOR SHALL COORDINATE WITH MONTGOMERY COUNTY FORCES.
2. THE CONTRACTOR SHOULD TERMINATE ALL CABLES EXCLUDING INTERCONNECT CABLE. ANY CABLES NOT TERMINATED SHALL BE REMOVED OR ABANDONED.
3. CONTRACTOR SHALL COORDINATE WITH MR. BOB RICKETTS OF THE MONTGOMERY COUNTY SIGNAL SHOP TO COORDINATE WITH REMOVAL OF INTERCONNECT CABLES FOR THE MONTGOMERY COUNTY SURVEILLANCE CAMERA/AGGREGATOR CABINET. SEE WIRING DIAGRAM AND INTERCONNECT PLANS FOR INSTALLATION OF NEW 50 PAIR COMMUNICATION CABLE.
4. THE CONTRACTOR SHALL NOT BLOCK VIEW OF EXISTING SIGNAL INDICATIONS DURING INSTALLATION OF MAST ARM. IF NEW MAST ARM CANNOT BE INSTALLED DUE TO CONFLICT WITH EXISTING SIGNAL INDICATIONS OR SPAN WIRES, A SIGNAL OUTAGE SHALL OCCUR DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.
5. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.
6. ALL SIGNAL STRUCTURES AND PEDESTRIAN PEDESTAL POLES SHALL BE PAINTED USING FEDERAL BROWN NUMBER 595a-00040.

GENERAL NOTES:

1. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 816.01, MD 816.02, MD 816.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
2. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. PRIOR TO ANY DIGGING TO MARK THE LOCATION OF EXISTING UTILITIES, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
3. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION. ANY EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
4. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
6. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
7. THE CONTRACTOR SHALL NOT CUT MAST ARM AS INDICATED ON PLANS UNTIL MAST ARM POLE LOCATION IS FINALIZED.
8. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" x 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
9. THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MAINTAINED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
10. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
11. RELOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E-2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE", IF NOT MET, THE CONTRACTOR SHALL RELOCATE THE PUSHBUTTONS TO MEET THESE REQUIREMENTS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
12. FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLANS. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
13. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.
14. REFER TO SHEET TSP-17 FOR DIMENSIONS OF SIGNAL EQUIPMENT AND PAVEMENT MARKINGS WITHIN INTERSECTION.
15. RELOCATION OF EXISTING SIGNS SHALL BE MEASURED AND PAID AS ITEM 613015-INSTALL OVERHEAD SIGN.
16. CALL MONTGOMERY COUNTY TRANSPORTATION MANAGEMENT CENTER (TMC) 72 HOURS PRIOR TO ANY DIGGING TO MARK THE LOCATION OF EXISTING UTILITIES.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERING THE SIGNAL CABINET TO MR. ROBERT RICKETTS AT MONTGOMERY COUNTY TECHNICAL CENTER AT 1283 SEVEN LOCKS RD., BETHESDA, MD 20814. THE CONTRACTOR SHALL DELIVER THE SIGNAL CABINET TO MR. ROBERT RICKETTS AT MONTGOMERY COUNTY TECHNICAL CENTER AT 1283 SEVEN LOCKS RD., BETHESDA, MD 20814. THE CONTRACTOR SHALL DELIVER THE SIGNAL CABINET TO MR. ROBERT RICKETTS AT MONTGOMERY COUNTY TECHNICAL CENTER AT 1283 SEVEN LOCKS RD., BETHESDA, MD 20814. THE CONTRACTOR SHALL DELIVER THE SIGNAL CABINET TO MR. ROBERT RICKETTS AT MONTGOMERY COUNTY TECHNICAL CENTER AT 1283 SEVEN LOCKS RD., BETHESDA, MD 20814.



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 355 (Wisconsin Ave) and MD 410 (East-West Hwy)/MD 187

Bethesda, Maryland

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE CONTRACT NO.

DESIGNED BY COUNTY Montgomery
DRAWN BY LOGMILE 15035501.70
CHECKED BY TMS NO. N/A
F.A.P. NO. SEE TITLE SHEET TOD NO.

TS NO. 2694 D DRAWING TSP-16 OF 20 SHEET NO. OF

PLOTTED: April 02, 2013
FILE: N:\3166-253\CADD\TSPG-P018_md355.dgn